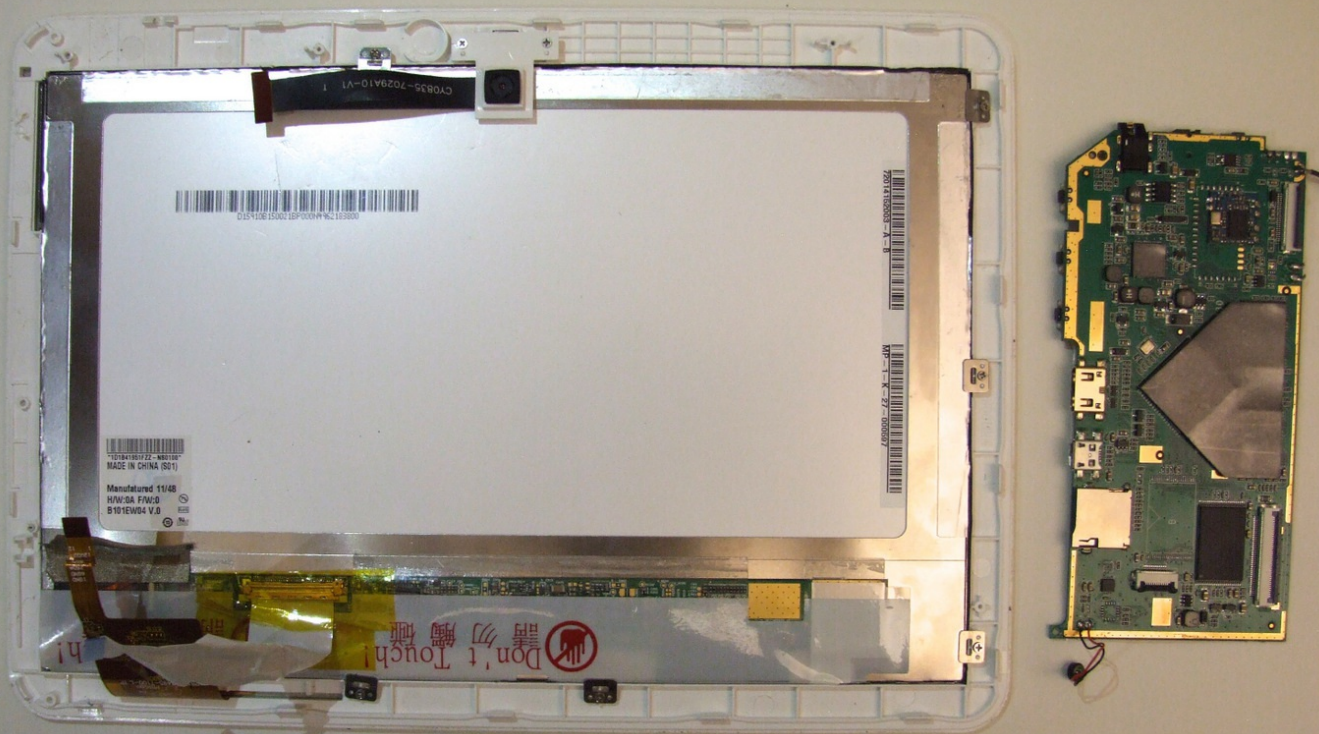




# Tivax MiTraveler 10Q-8 Motherboard Replacement

This Guide will show you the steps to taking out the Mother Board.

Written By: Conor Langenbahn





## TOOLS:

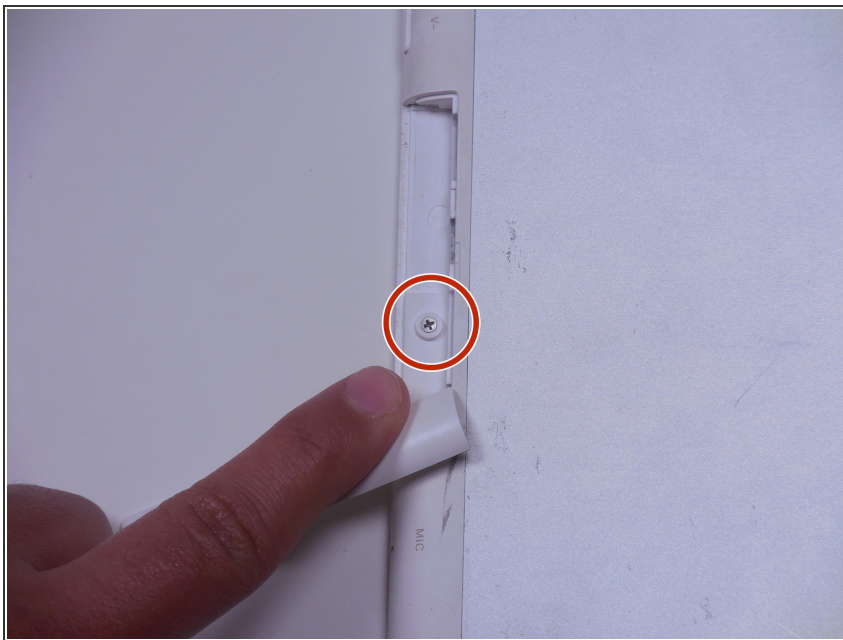
- [#00 x 2-1/2" Phillips Head Screwdriver](#) (1)
  - [PH000 Phillips head screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [solder kit](#) (1)
  - [Spudger](#) (1)
-

## Step 1 — Rear Case



- With the device face down, slide the charging port cover off on the left side of device.

## Step 2



- A phillips 2.88mm screw will be seen at the charging port.



## Step 3



- Use a PH000 Philips head screwdriver to remove screw.
- ⓘ Remember lefty loosey, righty tighty

## Step 4




- Use the plastic opening tool between the back plate and front plate to pry the back plate off; start at the headphone jack.
- ⓘ Make sure the lip of the plastic opening tool is face up.

## Step 5



- Move around the device with the plastic opening tool pushing down to release the back plate from clips.

 You will hear popping sounds when you work around the device.

## Step 6



- Once you've moved around the whole device with the plastic opening tool, the back plate will completely release from the rest of the device.

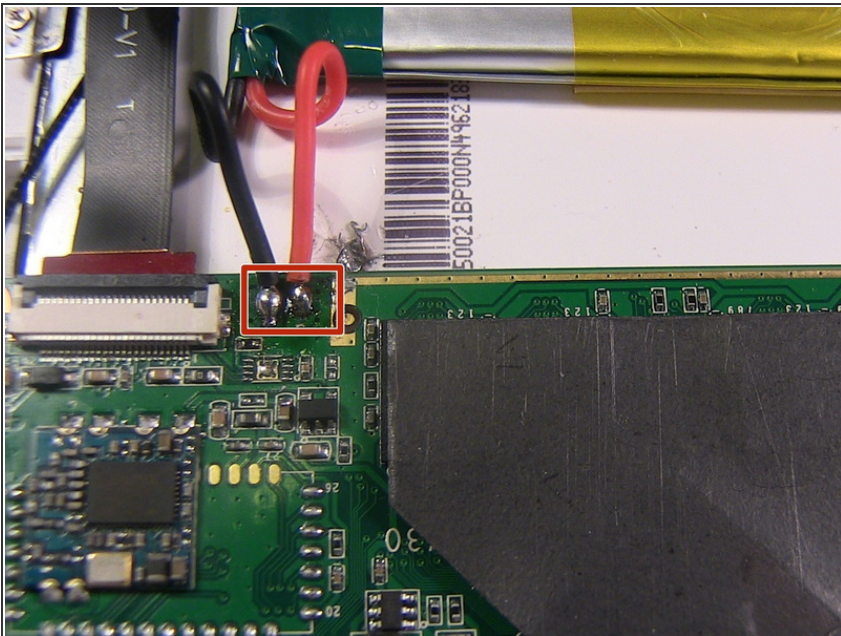


## Step 7 — Battery



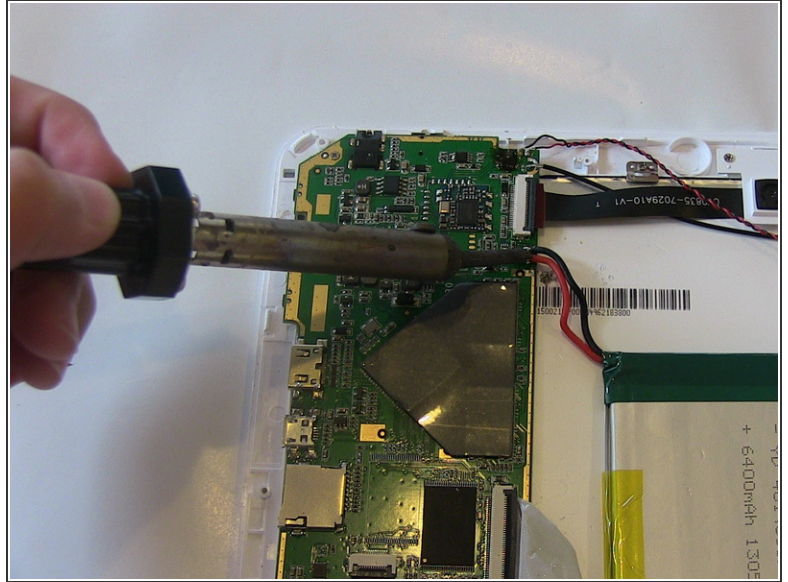
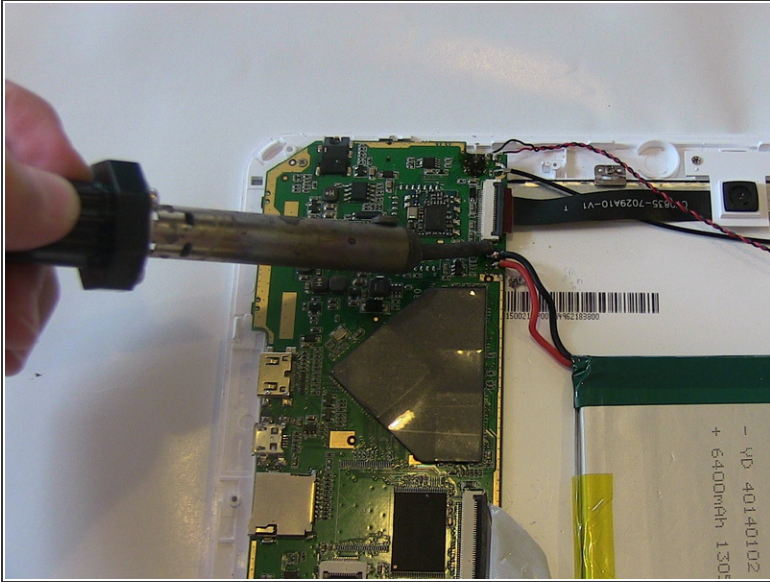
- The battery rests flat on the inside surface of the tablet. It is a rectangular shape and has blue and yellow tape.

## Step 8



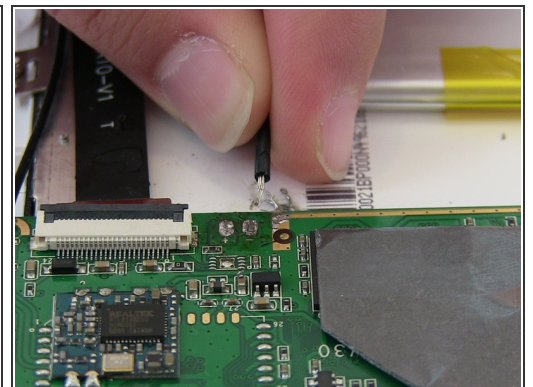
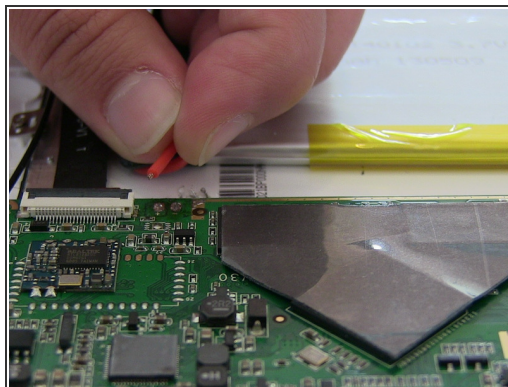
- There are two wires, one red and one black, that need to be desoldered from the motherboard that run to the battery.
- Review how to solder [here](#).

## Step 9



- Work the soldering gun on the red wire where it is connected to the motherboard. it should release from the motherboard.
- Work the soldering gun on the black wire where it is connected to the motherboard. It will release from the motherboard.

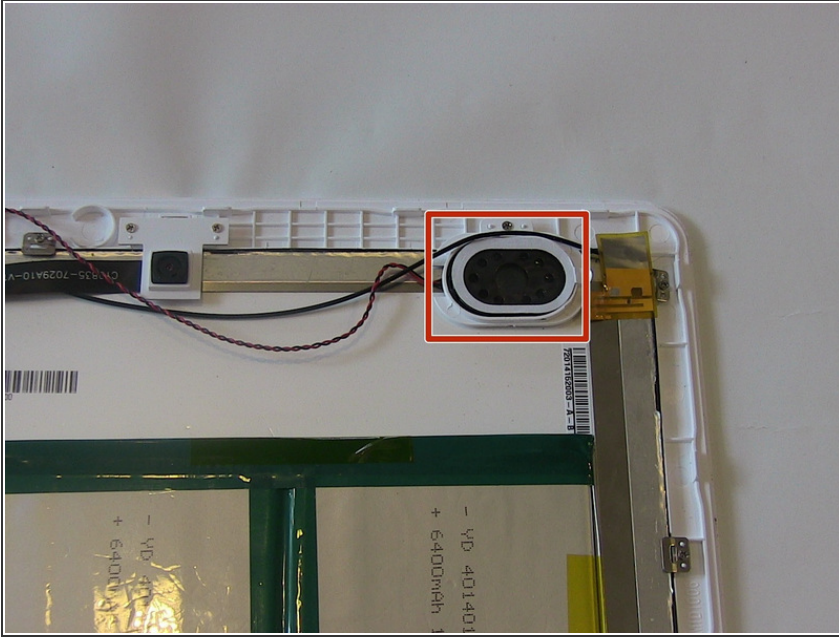
## Step 10



- Once both wires have been desoldered, the battery can be removed from the device.



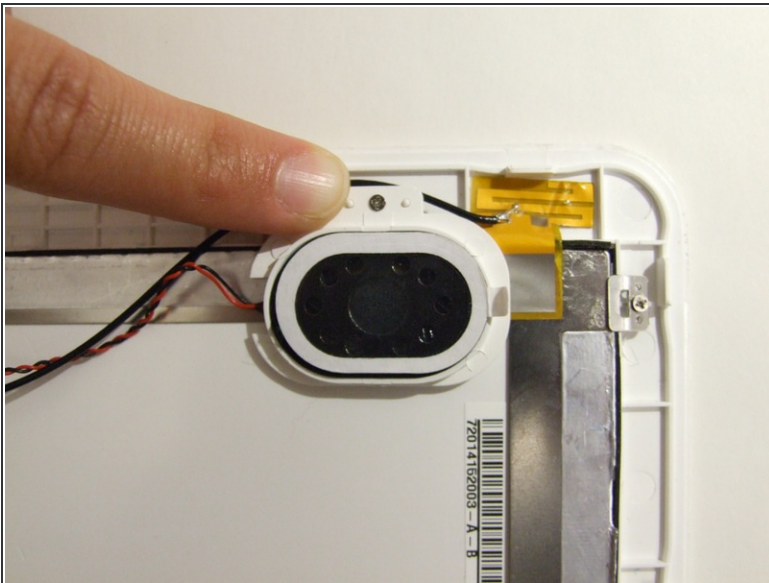
## Step 11 — Speaker



- With the face of the device down, the speaker will be in the upper right corner. The black oval shaped object.

⚠ Make sure Battery has been removed.

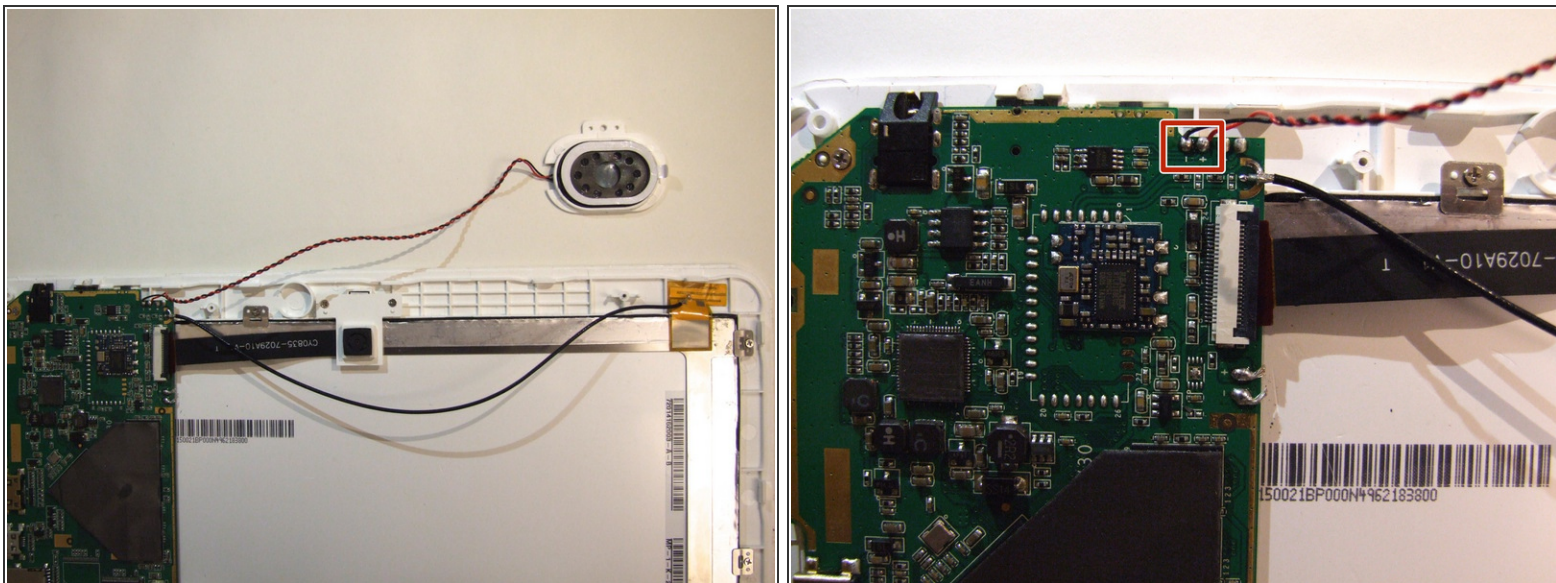
## Step 12



- A phillips 3.88 mm screw will be holding the speaker in place.
- Use a PH000 screwdriver to remove the screw.

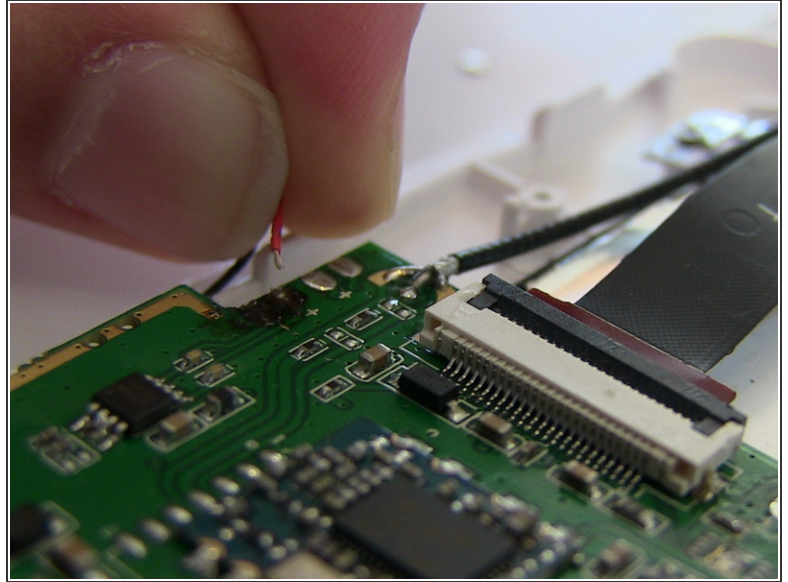
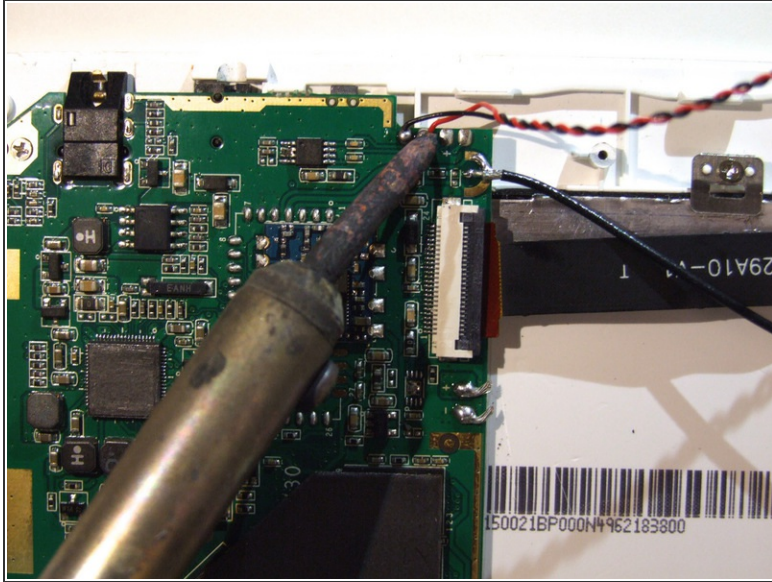


## Step 13



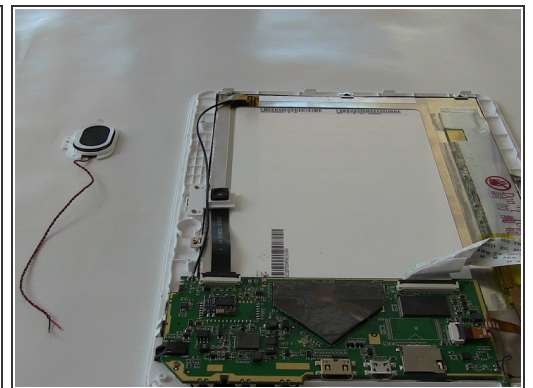
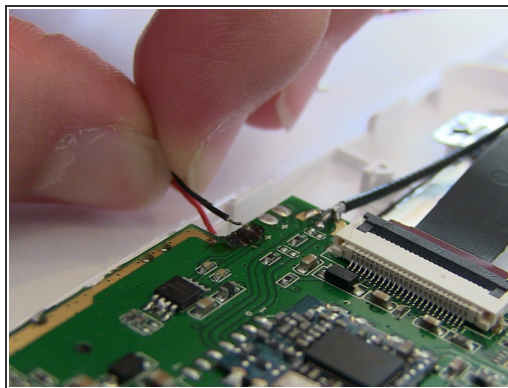
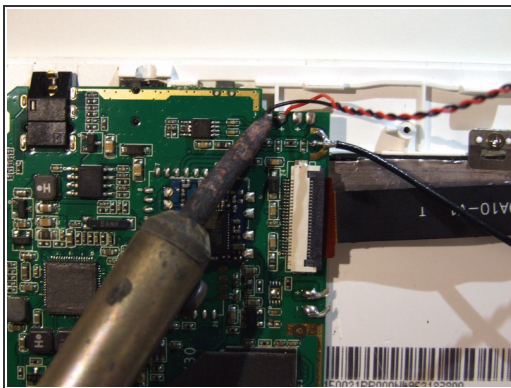
- The speaker will be connected to two wires; one black and one red. Both run to the motherboard.
- The wires will need to be soldered off the motherboard.
- Locate where both wires are soldered to the motherboard.
- Review [How to Solder Here](#)

## Step 14



- Work the iron where the red wire is soldered
- The wire will release from the motherboard.

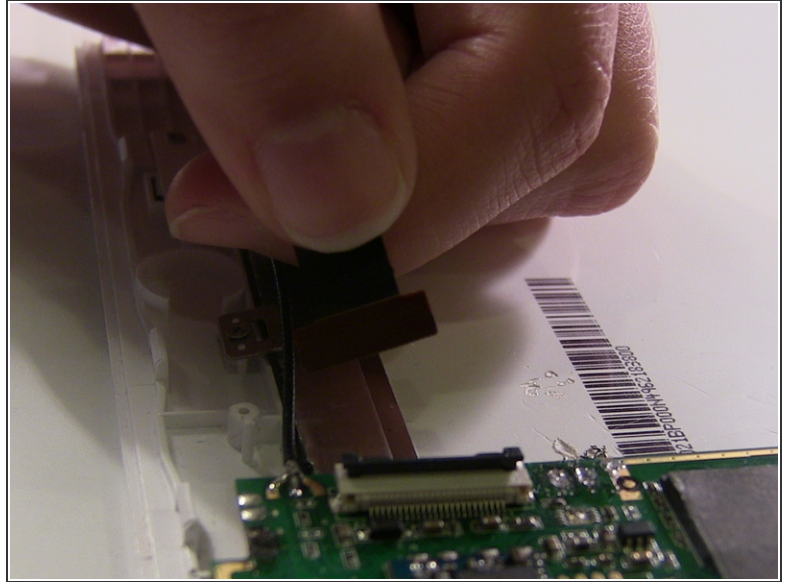
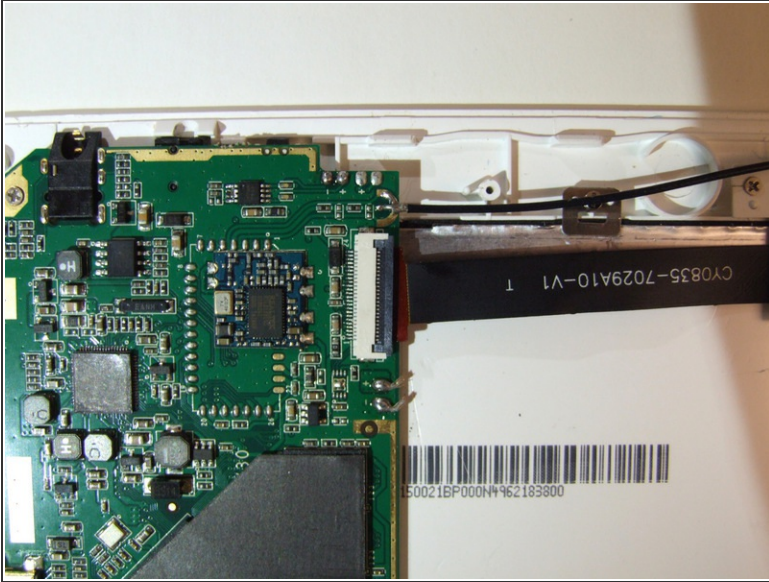
## Step 15



- Work the iron where the black wire is soldered.
- The black wire will release from the motherboard.
- After both wires have been soldered off, the speaker will release from the device.



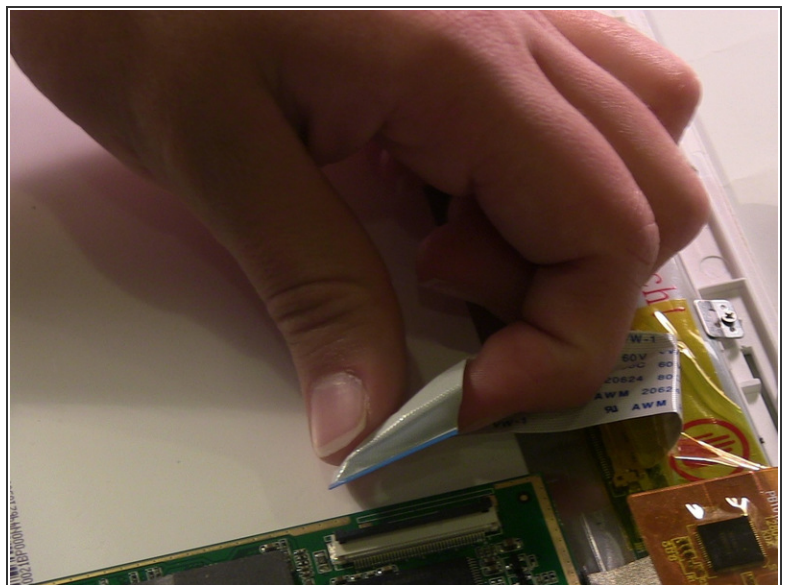
## Step 16 — Motherboard



- Remove the black ribbon connector. Flip the black portion of the connector upward.
- Pull on the ribbon to remove from the connector.

⚠ Make sure battery has been removed.

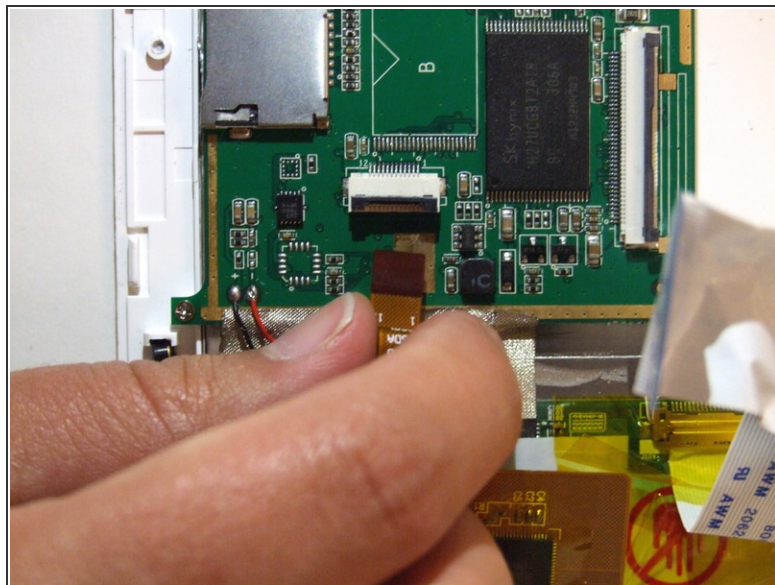
## Step 17



- Remove the White Ribbon Connector from the Mother Board.

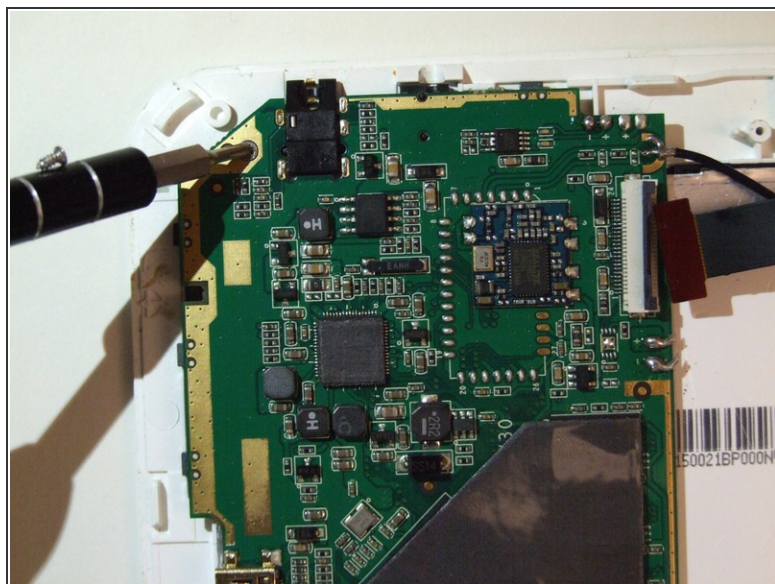
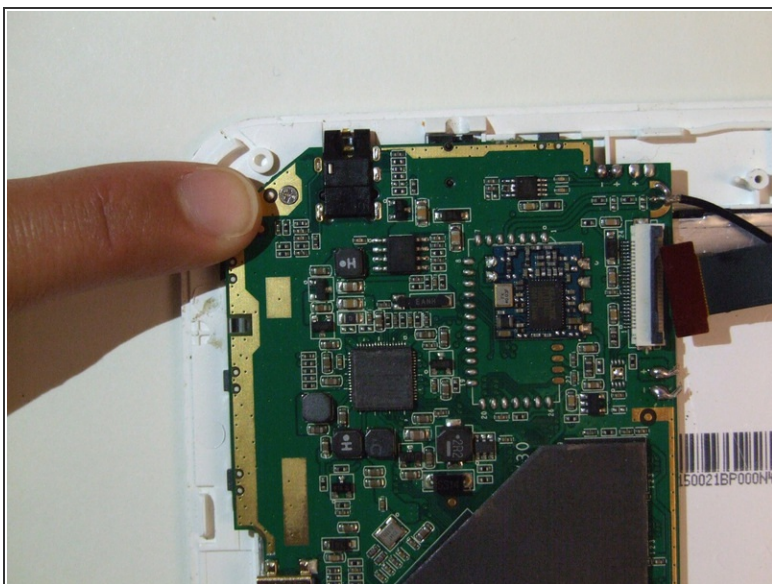


## Step 18



- Remove the Orange Ribbon Connector from the Mother Board.

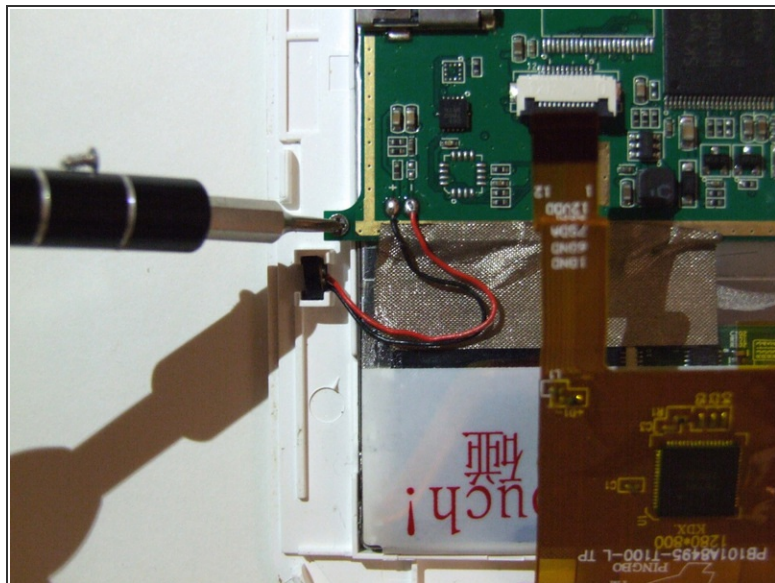
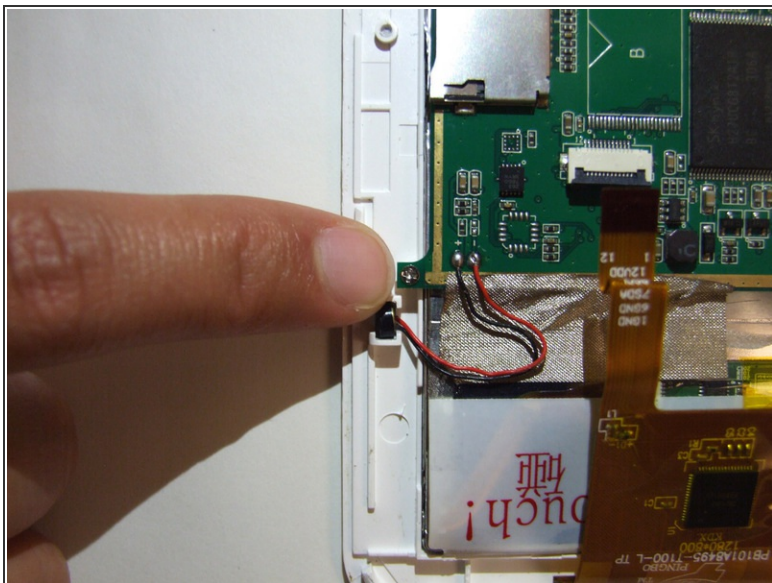
## Step 19



- A 2.88 mm phillips head screw will be located in the upper right hand corner of the mother board.
- Use a #00 screw driver with the PH000 screw head to remove the screw.

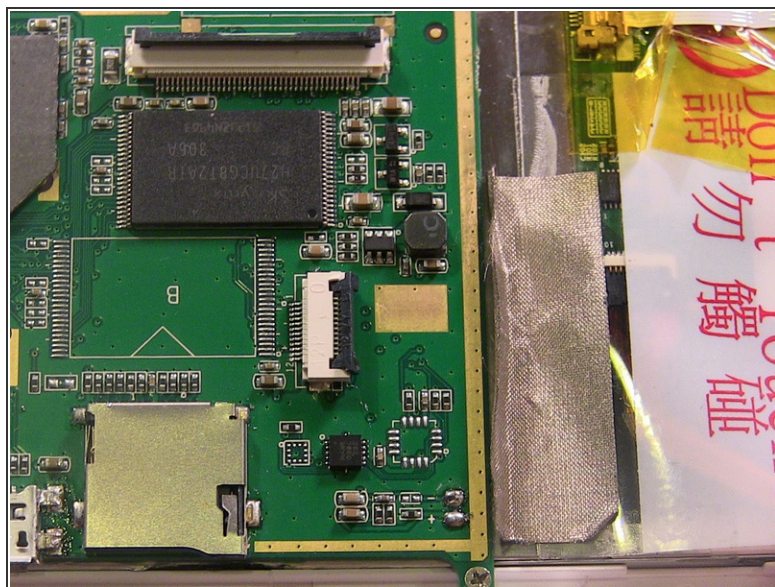
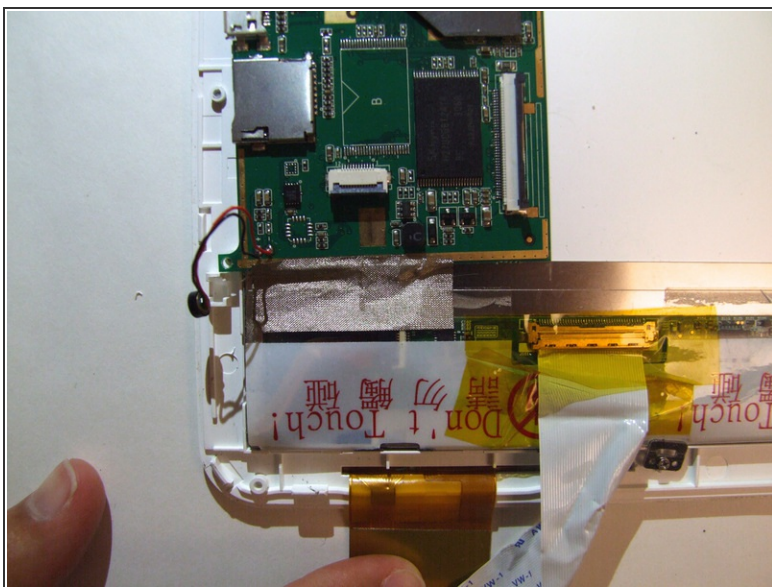


## Step 20



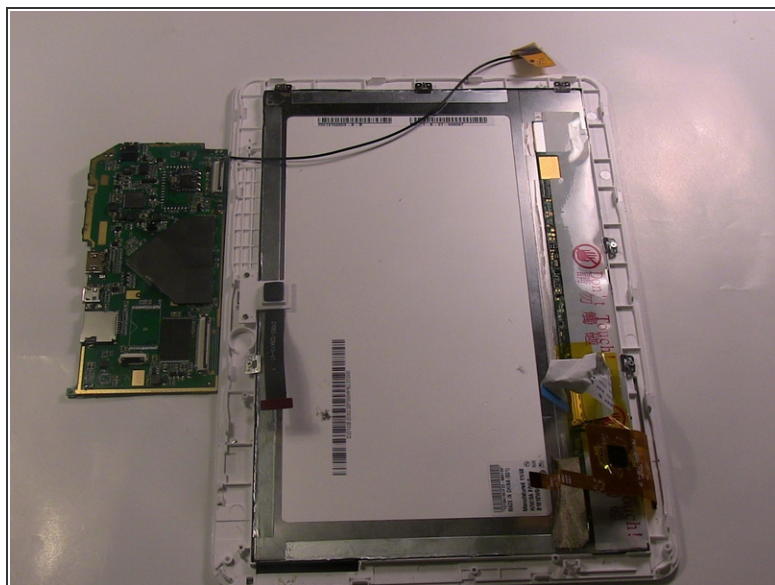
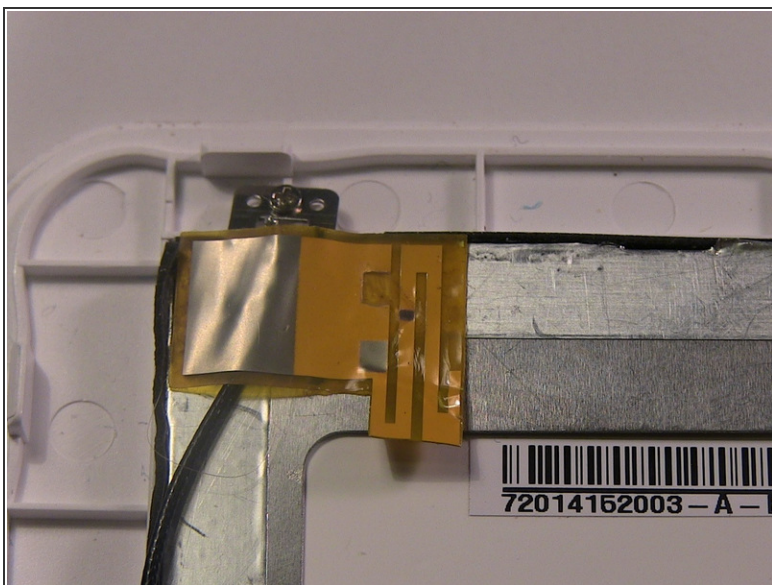
- A 2.88 mm phillips head screw will be seen on the lower left hand corner.
- Use the #00 screw driver with the PH000 screw head to remove the screw.

## Step 21



- On the bottom of the motherboard, a strip of gold tape will be seen holding the it to the device.

## Step 22



- A black wire will be connected to the device and ran to a strip of orange tape on the upper right hand corner of the device.
- Remove the tape that holds the wire down.
- The mother board will remove from the device.

To reassemble your device, follow these instructions in reverse order.

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